

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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SECRETARY

JOHN AUERBACH
COMMISSIONER

08/12/2011

Marjorie Tynes
Assistant District Attorney, Suffolk County

Dear ADA Tynes,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in cursive script.

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

| | | |
|---------------------|-----------------------------|------------------------|
| Related Coursework: | Analytical Chemistry | Physical Chemistry |
| | Organic Chemistry I and II | Instrumental Chemistry |
| | Biochemistry | Forensics Laboratory |
| | Chemistry of Criminalistics | Physical Evidence |
| | Anatomy | Physiology |

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs



DESTRUCTION #

ID#

STATE

MA

ANALYSIS
NUMBER

1.718

6.76 g

ID#

Date _____

ECU Control #

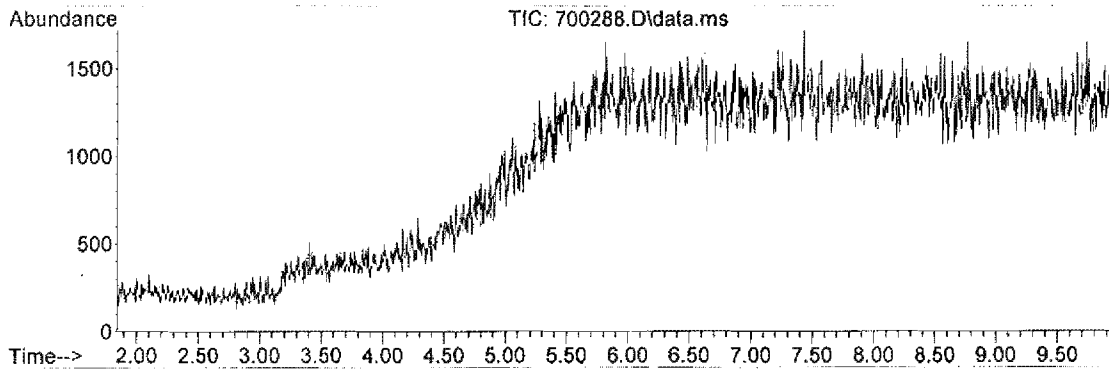
No. [REDACTED] Date Analyzed: 2-25-10
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]
Amount: [REDACTED] Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 02/10/2010 No. Analyzed:
Gross Wt.: 6.76 Net Weight: 2.11
Tests: 6 ASD
• 2DJR
Prelim: cocaine @ Findings: Cocaine

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\02_23_10\700288.D
Operator : DJR
Date Acquired : 24 Feb 2010 5:09
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

DJR
8-12-11



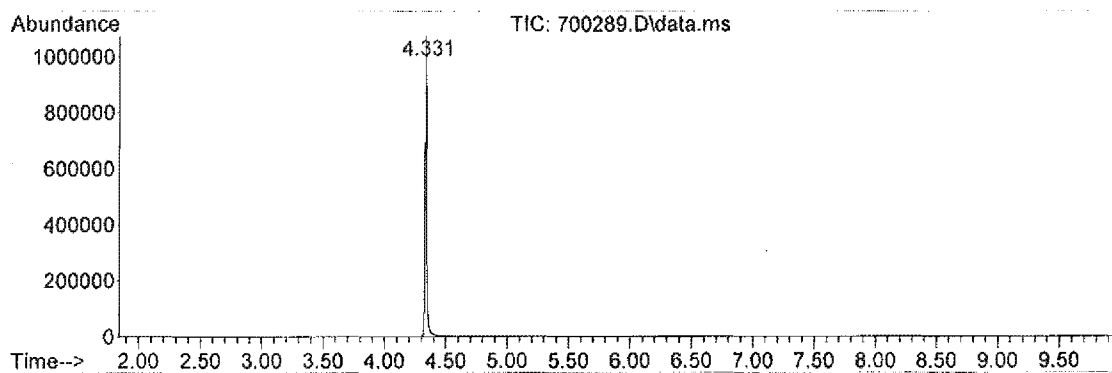
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|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\02_23_10\700289.D
 Operator : DJR
 Date Acquired : 24 Feb 2010 5:22
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 89
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
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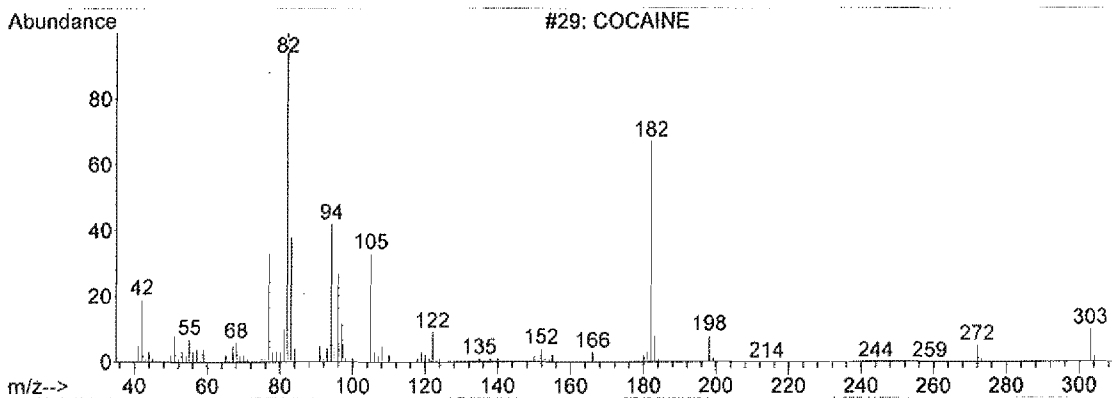
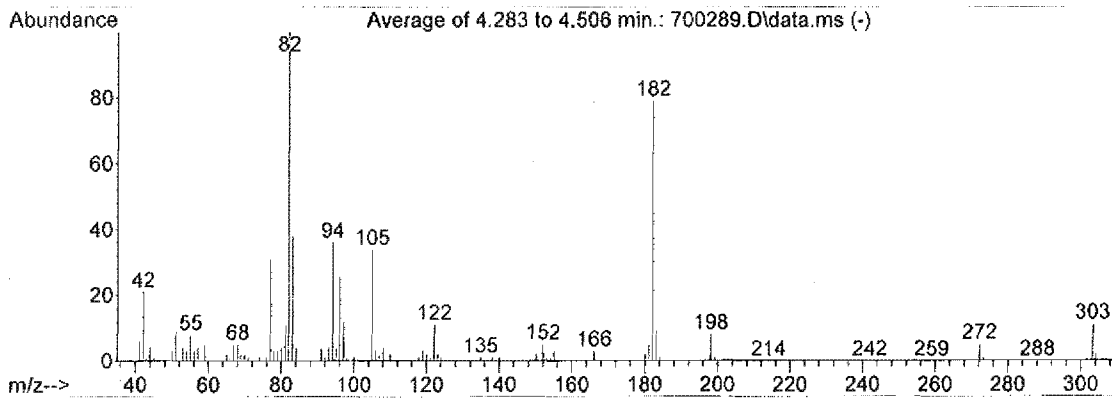
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\02_23_10\700289.D
 Operator : DJR
 Date Acquired : 24 Feb 2010 5:22
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 89
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

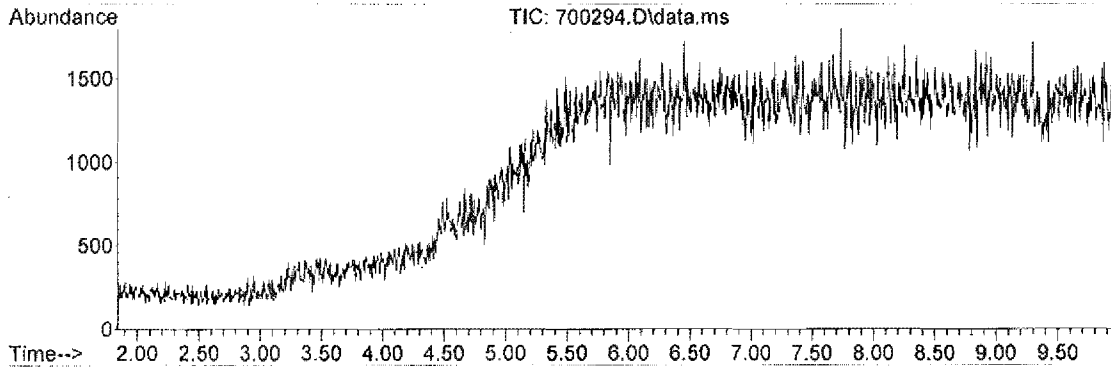
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 1 | 4.33 | C:\Database\SLI.L COCAINE | 000050-36-2 | 99 |



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\02_23_10\700294.D
Operator : DJR
Date Acquired : 24 Feb 2010 6:25
Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



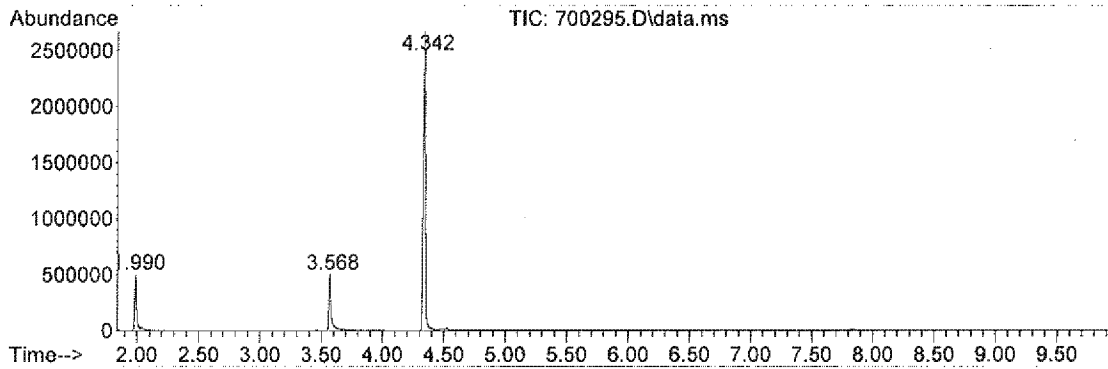
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\02_23_10\700295.D
 Operator : DJR
 Date Acquired : 24 Feb 2010 6:38
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 95
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 1.990 | 577352 | 12.52 | 17.11 |
| 3.568 | 659049 | 14.29 | 19.53 |
| 4.342 | 3375146 | 73.19 | 100.00 |

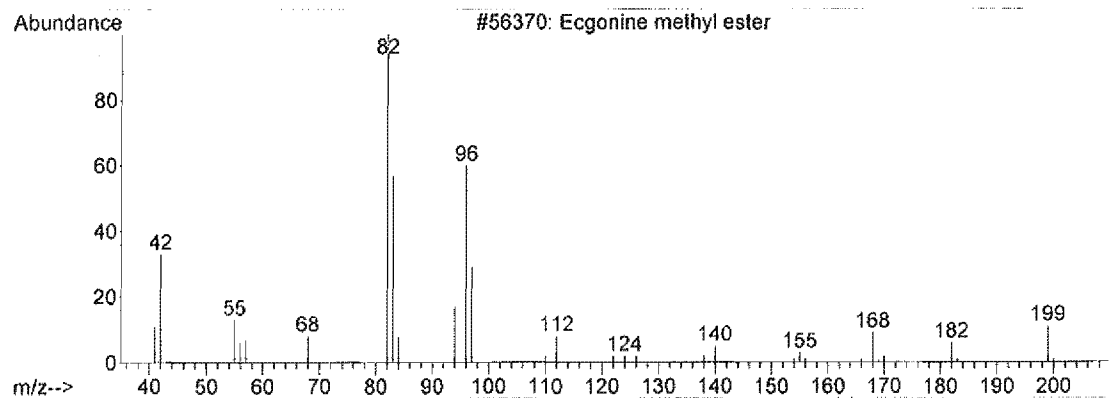
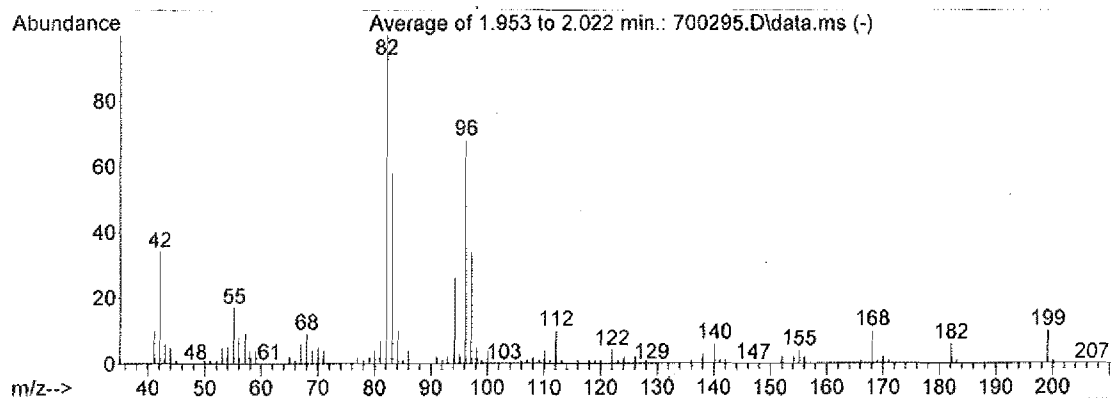
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\02_23_10\700295.D
 Operator : DJR
 Date Acquired : 24 Feb 2010 6:38
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 95
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------|-------------|------|
| 1 | 1.99 | C:\Database\NIST05a.L | | |
| | | Ecgonine methyl ester | 106293-60-1 | 98 |
| | | Ecgonine methyl ester | 106293-60-1 | 98 |
| | | Ecgonine methyl ester | 106293-60-1 | 96 |



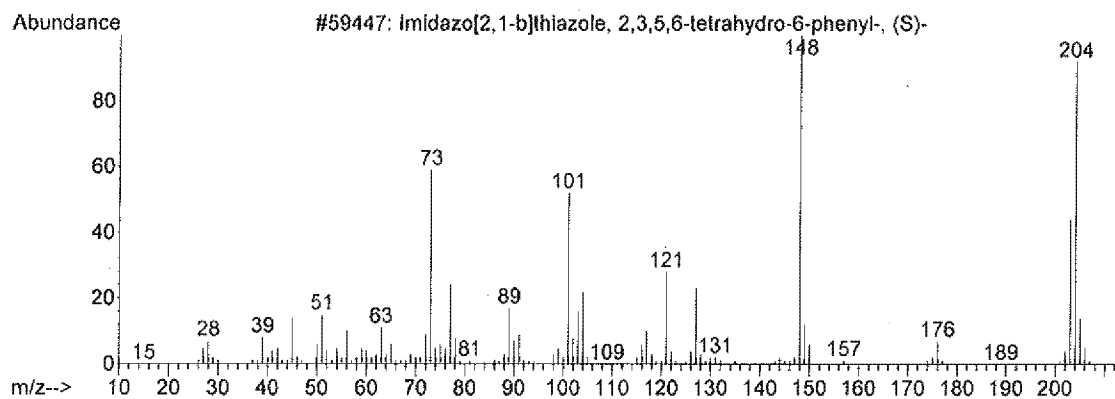
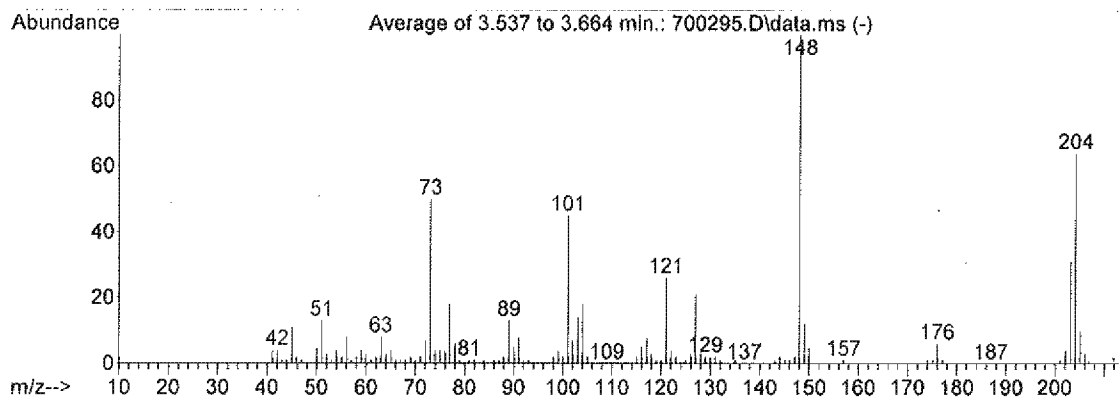
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\02_23_10\700295.D
 Operator : DJR
 Date Acquired : 24 Feb 2010 6:38
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 95
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 2 | 3.57 | C:\Database\NIST05a.L | | |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 014769-73-4 | 99 |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 006649-23-6 | 99 |
| | | Imidazo[2,1-b]thiazole, 2,3,5,6-tet | 014769-73-4 | 98 |



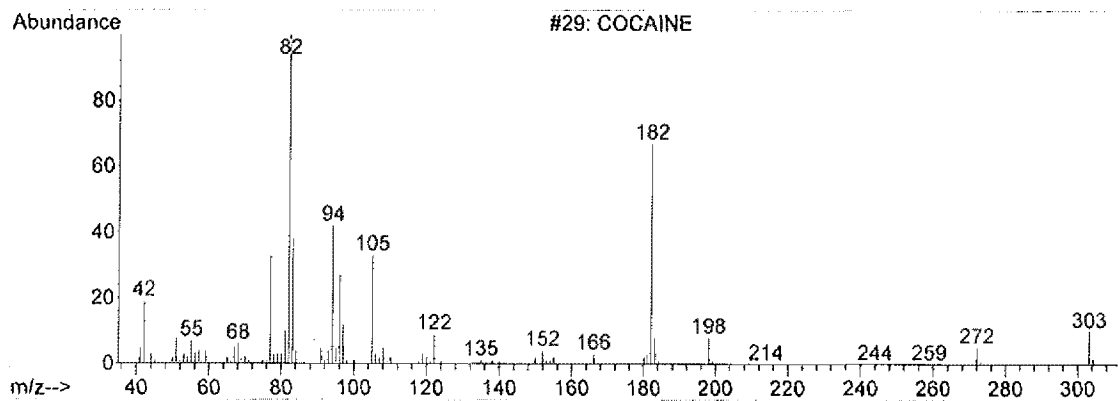
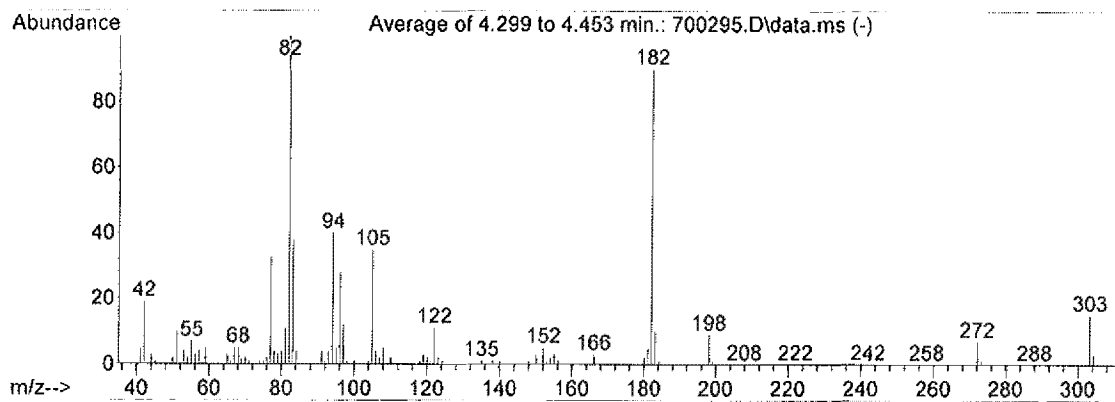
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\02_23_10\700295.D
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 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 95
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

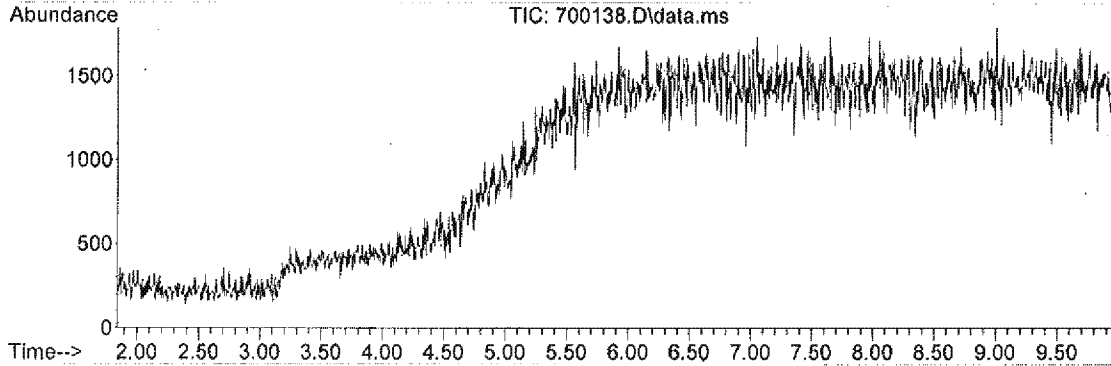
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST05a.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 3 | 4.34 | C:\Database\SLI.L COCAINE | 000050-36-2 | 99 |



Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\02_23_10\700138.D
Operator : DJR
Date Acquired : 24 Feb 2010 10:51
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

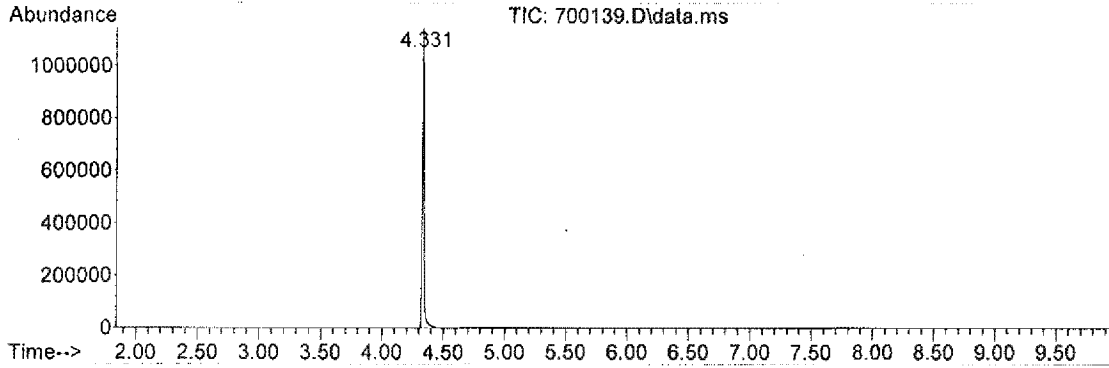


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\02_23_10\700139.D
Operator : DJR
Date Acquired : 24 Feb 2010 11:04
Sample Name : COCAINE STD
Submitted by :
Vial Number : 89
AcquisitionMeth: DRUGS.M
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.331 | 1126378 | 100.00 | 100.00 |

Information from Data File:

File Name : F:\Q1-2010\SYSTEM7\02_23_10\700139.D
Operator : DJR
Date Acquired : 24 Feb 2010 11:04
Sample Name : COCAINE STD
Submitted by :
Vial Number : 89
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 1 | 4.33 | C:\Database\SLI.L COCAINE | 000050-36-2 | 99 |

